SONY

3-750-225-21(1)

Cordless Stereo Headphones

MDR-IF5K

Operating Instructions

Before operating the unit, please read this manual thoroughly and retain it for future reference.

Owner's Record

The model and serial numbers are located on the rear of the transmitter and the inside of the head band. Record these numbers in the spaces provided below. Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. MDR-IF5K Serial No. Transmitter TMR-IF5: _____

Headphones MDR-IF5: _____

Features

- Infrared transmitting system eliminates the headphone cord.
- This headphone system can be used with any audio/video equipment provided with a headphone jack or line out jack.
- The quality of the sound is excellent because it is transmitted with high carrier frequencies.
- The lightweight rechargeable battery built into the headphones allows a compact design and economical operation.
- A trickle charging system keeps headphones ready to use whenever they are rested on the transmitter.
- You can adjust the audio level at your listening position by using the volume controls on the headphones.

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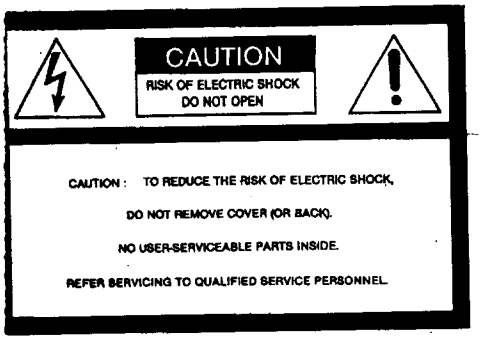
Printed in Japan

WARNING

) prevent fire or shock hazard, do not (pose the unit to rain or moisture.


CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN
CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

This symbol is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

This symbol is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Precautions

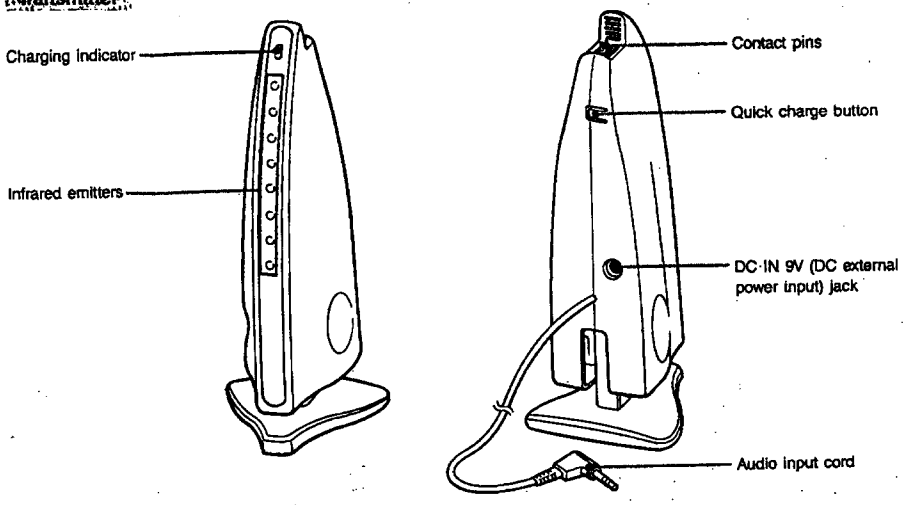
- Operate the unit only with the supplied AC adaptor.
- Unplug the AC adaptor from the wall outlet when it is not to be used for an extended period of time. To disconnect the adaptor, pull it out by grasping the plug. Never pull it by the cord.
- Do not open the cabinet. Refer servicing to qualified personnel only.
- Do not install the unit in a location near heat sources such as radiators or airducts, or in a place subject to direct sunlight, excessive dust, mechanical vibration, or shock.
- Should any solid object or liquid fall into the unit, unplug the unit and have it checked by qualified personnel before operating it any further.
- Do not use alcohol, benzine or thinner to clean the cabinet.

f you have any question or problem concerning your unit that is ıot covered in this manual, please consult the nearest Sony dealer.

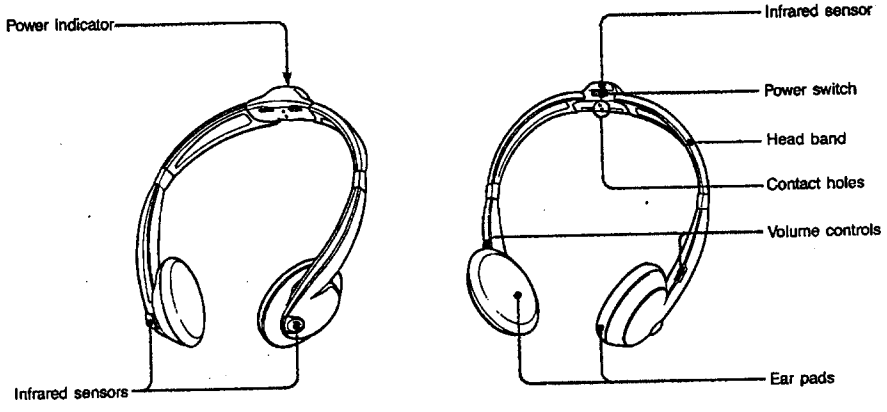
Be sure to bring the headphones and the transmitter to the Sony dealer when requesting repair.

Parts Identification

Transmitter

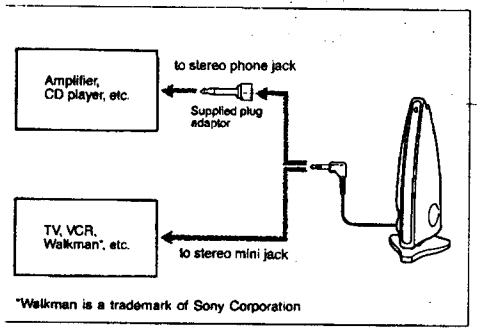


Headphones



Connecting to an Audio/Video Equipment

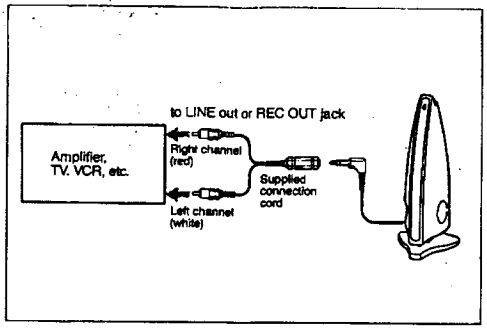
Connecting the Transmitter to the Headphone Jack



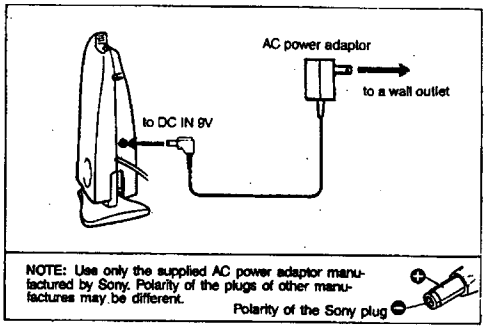
*Walkman is a trademark of Sony Corporation

onnection to an earphone (monaural mini) jack
se the optional PC-236S plug adaptor.

Connecting the Transmitter to the LINE OUT or REC OUT Jack



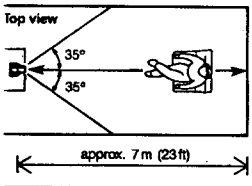
Connecting to a Wall Outlet

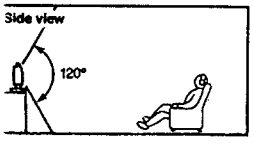


NOTE: Use only the supplied AC power adaptor manufactured by Sony. Polarity of the plugs of other manufactures may be different.

Positioning the Transmitter

he diagram below illustrates the approximate effective range of
ie infrared rays emitted from the transmitter. Position the transmit-
r so that your listening area is within the effective range.



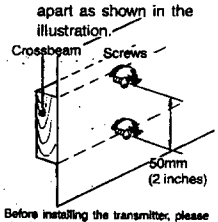


The infrared rays will not penetrate walls or opaque glass, therefore the headphones must be used in "in sight" area of the transmitter.

Caution
Sony disclaims any responsibility for injury to persons or other accidents caused by not fitting the transmitter properly or when the place of the installation is not suitable.

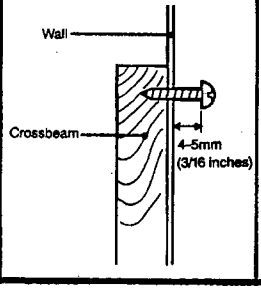
If you want to hang the transmitter on the wall, follow these steps.

1 Bore two holes into the wall to mount the transmitter. The holes should be about 50mm (2 inches) apart as shown in the illustration.

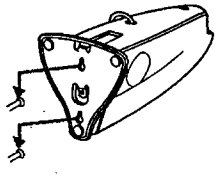


Before installing the transmitter, please check whether or not the material of the wall is strong enough to hold the transmitter. It is necessary to reinforce plaster bords, particle boards and other soft material boards.

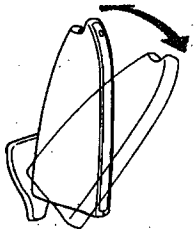
2 Screw in the supplied screws until they about 4-5mm (3/16 inches)



3 Fit the mounting holes of the transmitter over the screws and lowering the transmitter a little so that the screws are lodge in the mounting holes.



After positioning the transmitter, adjust its angle to obtain optimum sound quality. (Position the transmitter head upright when charging.)



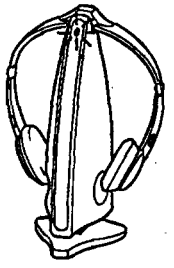
Charging the Headphones Battery

The headphones are powered by their built-in rechargeable battery. When you use the headphones for the first time or the battery is completely exhausted, proceed to charge the battery quickly (quick charge) in the following way:

1 Connect the AC power adaptor to the transmitter.

2 Set the power switch on the headphones to OFF/CHG.

3 Rest the headphones on the transmitter so that the contact pins fit into the contact holes on the headphones. The charging indicator glows green faintly.



4 Press the quick charge button on the rear of the transmitter. The charging indicator turns red and returns to green after about 3 hours. Now, you can use headphones for about 3 hours.

If you want to fully charge the battery to use the headphones for about 6 hours, repeat the quick charge.

Caution

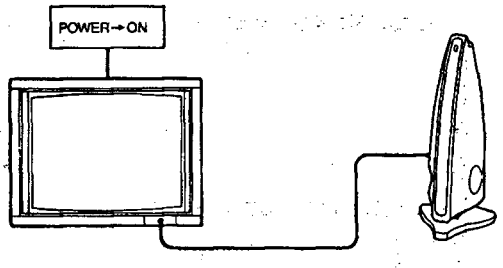
Do not repeat the quick charge more than two times in succession, or the battery may be impaired.

Note

- Whenever the headphones are rested on the transmitter, the battery is charged continuously and the charging indicator glows green faintly to indicate trickle charging.
- Since little electric current is used for trickle charging, there is no need to worry about overcharging.
- It takes about 50 hours to fully charge the battery by the trickle charging.

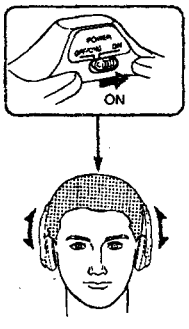
Listening to a Program

1 Turn on the audio/video equipment connected to the transmitter.

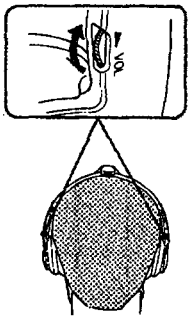


When the audio signal is input, the transmitter turns on automatically and the infrared emitters glow. If the transmitter is connected to the headphone jack, set the volume control of the equipment to the middle position.

2 Turn on the power switch of the headphones and put on the headphones. Adjust the head band, if necessary.



3 Adjust the volume controls so that the audio level of both channels gets equal.



When the no signal is supplied for more than about 3 minutes

The transmitter is turned off automatically.

When the audio signal is interrupted or extremely low sound continues for more than about 3 minutes

The transmitter may be turned off.

When the transmitter is connected to the headphone jack, increase the volume of the connected equipment and lower the volume of the headphones.

After using the headphones

Set the power switch to OFF/CHG and rest the headphones on the transmitter.

Note

- Be sure to remain in the effective range of the infrared rays while listening (see diagram above).
- Do not cover the infrared sensors with your hands or hair.
- Do not use headphones under the direct sunlight.

Troubleshooting Guide

SYMPTOM	CAUSE	REMEDY
No sound	Headphones' battery is exhausted.	Charge the battery.
	Transmitter is not turned on.	Check the connection of the equipment or AC power adaptor.
		Check that the audio equipment is turned on
		If the transmitter is connected to the headphone jack, turn up the volume of the connected equipment.
	Headphones' volume is completely turned down.	Adjust the volume to appropriate level.
Distortion	Headphones' battery is weak.	Charge the battery.
	Input level of the audio signal is too high.	If the transmitter is connected to the headphone jack, turn down the volume of the connected equipment.
Loud background noise	Headphones' battery is weak.	Charge the battery.
	Poor reception of infrared rays.	Check if there's any object between transmitter and headphones.
		Check if infrared sensors are covered with your hands or hair.
		Change the position or angle of the transmitter (See diagram on the other side).

Specifications

General

Infrared wavelength: 850 nm
Modulation: Frequency modulation
Carrier frequency: Right 2.8 MHz
Left 2.3 MHz
Effective range: up to 7m (23 ft)
Frequency response: 18 — 22,000 Hz
Distortion: Less than 1% at 1 kHz

Transmitter TMR-IF5

Power source: DC 9 V jack accepts:
Sony AC-912 AC power adaptor (supplied)
Dimensions: 88 × 220 × 93 mm
(3½ × 8¾ × 3¾ in), (w/h/d)
Weight: 250 g (8.8 oz.)

Headphones MDR-IF5

Power source: Built-in rechargeable battery
Weight: 98 g (3.5 oz.)

Supplied accessories

AC power adaptor (1)
Connecting cord (stereo mini jack — stereo phono plugs) (1)
Plug adaptor (stereo mini jack — stereo phone plug) (1)
Screws (M3.1 × 20mm) (2)

Design and specifications subject to change without notice.